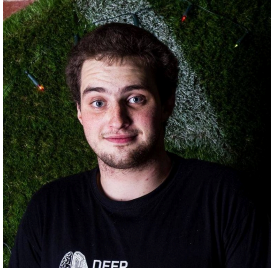


# Ashuha Arseniy

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## Summary

I am a second year Master Student at MIPT, I do research at [Bayes Group](#) under supervision of prof. Dmitry Vetrov. My research is focused on Bayesian regularization of deep neural nets. At MIPT I work as a teacher assistant for some Machine Learning courses. Also, I am an irregular student of Yandex School of Data Analysis.

**Skills:** Machine Learning, Deep Learning, Bayesian ML, Python, Hadoop, Hive, Linux, English (B2)


## Education

- |                              |  |   |
|------------------------------|--|---|
| <b>2011 - 2015</b><br>Thesis | Bachelor, <i>Computer Science</i> , Bauman Moscow State Technical University, GPA: 3.7/5.0<br><i>Identification of unique kernels in topic models</i> , Supervisor: N. Loukachevitch (MSU)     |  |
| <b>2015 - 2017</b><br>Thesis | Master, <i>Machine Learning</i> , Moscow Institute of Physics and Technology, GPA: ?/5.0<br><i>Regularization of Deep Neural Nets</i> , Supervisor: Prof. D. Vetrov (HSE), A. Dral (MIPT)      |   |
| <b>2015 - 2016</b><br>Result | Irregular Student, <i>Machine Learning</i> , Yandex School of Data Analysis, GPA: 4.8/5.0<br><i>Six courses were passed and the favorites are Bayesian ML, Deep Learning, Machine Learning</i> |  |

## Teaching

- **2016 - Now:** Practical Lecture, University Course at MIPT, Machine Learning (parts 1,2), [ml-mipt.github.io](http://ml-mipt.github.io) (RU)
- **2016 - Now:** Practical Lecture, Additional Course at MIPT, Machine Learning in Action, [vk.com/ml\\_in\\_action](https://vk.com/ml_in_action) (RU)
- **2016 - Now:** Preparing and checking some tasks for several courses like DL, BMML, LA in SDA, MSU, HSE

## Experience

- |  |  |  |
|--|--|--|
| <b>Jun 2016 - Aug 2016</b><br>3 month            | <b>Yandex</b> , Moscow — Intern at Music Deep Learning Group (E. Krofto) <ul style="list-style-type: none"><li>• Searching similar tracks and building recommendation features using DNN</li></ul>   | <br><b>RAMBLER&amp;Co</b> |
| <b>Dec 2013 - Feb 2016</b><br>2 year 1 month p/t | <b>Rambler</b> , Moscow — R&D Engineer at ML Group (A. Gorokhov, P. Klemenkov) <ul style="list-style-type: none"><li>• Improving the quality of classification users using browser history</li><li>• Recommendations system for the news posts on <a href="http://rambler.ru">rambler.ru</a></li><li>• Optimization performance of users classification</li><li>• Application of topic models to building users features</li></ul> |  |
| <b>Jun 2013 - Aug 2013</b><br>3 month            | <b>Rambler</b> , Moscow — Intern at Search Group (M. Karpenko) <ul style="list-style-type: none"><li>• Users query classification to show a mixing in search results</li></ul>   | <b>RAMBLER&amp;Co</b>  |

## Publications

- Dmitry Molchanov, Arseniy Ashuha and Dmitry Vetrov
1. Dropout-based Automatic Relevance Determination  
*Bayesian Deep Learning Workshop, Neural Information Processing Systems 2016*
  2. Arseniy Ashuha and Natalia Loukachevitch  
Bigram Anchor Words Topic Model  
*International Conference on Image Analysis, Social Networks and Texts 2016*